

INFLATABLE POROUS IMPLANTS AND METHODS FOR DRUG DELIVERY

ABSTRACT OF THE DISCLOSURE

The present invention provides inflatable porous implants, such as grafts, stent-grafts, and bladders, as well as methods and kits for drug delivery. In particular, the grafts and stent-grafts of the present invention provide for the delivery of a therapeutic agent into a flow conduit in the body. The inflatable porous implants provide for direct delivery of larger, more precise dosages of drugs over longer administration periods into the body. Moreover, these inflatable porous implants are often flexible when inserted and have a low profile delivery configuration for easy placement. The implants of the present invention further provide a mechanical or structural function in addition to drug delivery in a single integrated structure.

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